UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

23696

10/825,748

7590

03/12/2008

QUALCOMM INCORPORATED 5775 MOREHOUSE DR. SAN DIEGO, CA 92121

| EXA | MINER |
|----------|--------------|
| אטנ | NG, MIN |
| ART UNIT | PAPER NUMBER |
| 2616 | |

DATE MAILED: 03/12/2008

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/825,748 | 04/16/2004 | Roberto Padovani | 000331C1 | 8505 |

TITLE OF INVENTION: METHOD AND APPARATUS FOR BEAM SWITCHING IN A WIRELESS COMMUNICATION SYSTEM

PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE **ISSUE FEE DUE** APPLN. TYPE SMALL ENTITY 06/12/2008 \$300 \$1740 nonprovisional NO \$1440

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES STATUTORY PERIOD CANNOT BE EXTENDED. NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

| All Guethan | correspondence including d below or directed oth | a the Detent educates of | JE FEE and PUBLICATI rders and notification of r a) specifying a new corres | naintenance fees was pondence address; | rill be ma and/or (t | o) indicating a separ | ate "FEE ADDRESS" for |
|--|--|---|--|---|--|---|--|
| CURRENT CORRESPONDE | ENCE ADDRESS (Note: Use Blo | ock 1 for any change of address) | Fee(| s) Transmittal. Thi | s certifica I paper, si | ite cannot be used fo uch as an assignmen | domestic mailings of the rany other accompanying t or formal drawing, must |
| 23696 QUALCOMM 5775 MOREHO SAN DIEGO, C. | | | I he Stat addı tran | Cerreby certify that the es Postal Service we ressed to the Mail smitted to the USP | tificate of is Fee(s) vith suffic Stop IS TO (571) | f Mailing or Transm Transmittal is being ient postage for first SUE FEE address a 273-2885, on the da | deposited with the United class mail in an envelope bove, or being facsimile te indicated below. |
| | | | | - | | | (Depositor's name) |
| | | | | | | | (Signature) |
| • | | | | | | | (Date) |
| APPLICATION NO. | FILING DATE | | FIRST NAMED INVENTOR | | ATTORN | IEY DOCKET NO. | CONFIRMATION NO. |
| 10/825,748 | 04/16/2004 | | Roberto Padovani | | (| 000331C1 | 8505 |
| | , | RATUS FOR BEAM SV | WITCHING IN A WIRELE | PREV. PAID ISSU | · • | YSTEM TOTAL FEE(S) DUE | DATE DUE |
| APPLN, TYPE | SMALL ENTITY | | | \$0 | LIEB | \$1740 | 06/12/2008 |
| nonprovisional | NO | \$1440 | \$300 | ა∪ 1 | | \$1740 | |
| EXAM | INER | ART UNIT | CLASS-SUBCLASS | j | | | |
| JUNG 1. Change of corresponde | | 2616 | 370-335000 2. For printing on the p | | | | |
| "Fee Address" ind PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Unit recordation as set fort (A) NAME OF ASSIGNATION (A) NA | ND RESIDENCE DATA less an assignee is ident h in 37 CFR 3.11. Comp GNEE | "Indication form led. Use of a Customer A TO BE PRINTED ON ified below, no assignee oletion of this form is NO | (1) the names of up to or agents OR, alternati (2) the name of a single registered attorney or a registered patent attolisted, no name will be THE PATENT (print or type data will appear on the por a substitute for filing an (B) RESIDENCE: (CITY | vely, e firm (having as a agent) and the nam meys or agents. If printed. pe) atent. If an assign assignment. ' and STATE OR C | ee is ider | a 2ois 3 | |
| Please check the appropr | iate assignee category or | categories (will not be p | rinted on the patent): | Individual Co | orporation | or other private gro | up entity Government |
| | are submitted: No small entity discount p | permitted) | b. Payment of Fee(s): (Plead | rd. Form PTO-2038 | is attach | ned. | |
| | tus (from status indicated | | ☐ b. Applicant is no lon | ger claiming SMA | LL ENTI | ΓΥ status. See 37 CF | R 1.27(g)(2). |
| NOTE: The Iccue Fee on | d Publication Fee (if reg | uired) will not be accente | ed from anyone other than t | | | | |
| interest as shown by the | records of the Office Sta | ites Patent and Trademark | k Office. | | | | |
| Authorized Signature | | | | Date | | | |
| | | | | _ | | | |
| This collection of inform an application. Confiden submitting the complete this form and/or suggest. | nation is required by 37 Catiality is governed by 35 d application form to the ions for reducing this bu | CFR 1.311. The informati U.S.C. 122 and 37 CFR USPTO. Time will var rden, should be sent to the ONOT SEND FEES OR | ion is required to obtain or 1.14. This collection is es y depending upon the indivine Chief Information Offic COMPLETED FORMS T | retain a benefit by t timated to take 12 vidual case. Any co er, U.S. Patent and O THIS ADDRESS | the public minutes to mments Tradema S. SEND | which is to file (and o complete, including on the amount of times of the complete, U.S. Depa TO: Commissioner f | by the USPTO to process) g gathering, preparing, and he you require to complete rtment of Commerce, P.O. box 1450. |

Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

| APPLICATION NO. FILING DATE | | ILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO | | |
|---|------|------------|----------------------|-----------------------|-----------------|--|--|
| 10/825,748 | | 04/16/2004 | Roberto Padovani | 000331C1 | 8505 | | |
| 23696 | 7590 | 03/12/2008 | | EXA | MINER | | |
| QUALCOMM INCORPORATED 5775 MOREHOUSE DR. | | | אטנ | JUNG, MIN | | | |
| | | | . ART UNIT | PAPER NUMBER | | | |
| SAN DIEGO, CA 92121 | | | 2616 | | | | |
| | | | | DATE MAILED: 03/12/20 | 008 | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 818 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 818 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.